ABSTRACT OF THE DISCLOSURE

A method is designed to logically erase contents of a CD-RW disc in response to an erase command. The CD-RW disc is optically rewriteable, and has a program area and a PMA area. The program area is recorded with the contents in the form of tracks. The PMA area is recorded with at least two kinds of frames, one kind of frames containing identification information for identifying the CD-RW disc and the other kind of frames containing track information for indicating the tracks of the contents recorded in the program area. The method is carried out by the steps of accessing to the PMA area in response to the erase command, deleting all of frames which contain the track information from the PMA area, thereby logically erasing all of the contents from the program area, and reserving frames which contain the identification information in the PMA area, so that the CD-RW disc can be identified at rewriting thereof even after all of the contents are logically erased from the program area of the CD-RW disc. Specifically, the step of reserving reserves frames containing the identification information at a leading section of the PMA area. Practically, the PMA area is divided into sections by every ten number of frames, and the step of reserving reserves a ten number of frames containing the identification information into a predetermined section of the PMA area so as to fill the predetermined section.